

## **ABSTRACT**

Methods and apparatus for antialiasing images that contain one or more image objects such as colored text, line art, and graphical objects, such that the edge pixels of an antialiased image object will exhibit relatively uniform values, and the appearance of the image object is thereby improved. In one embodiment, an improved antialiasing filter is employed to detect at least one region within the received image. Upon detecting a region containing a background image level that adjoins an image object having pixel values in a range other than a range of limit values, the antialiasing filter sets the pixel values of the edge or border pixels of the image object to substantially the same value. Selection among a logical filter operation and an averaging filter operation may be adaptively employed in the antialiasing filter in order to obtain the desired uniformity of pixel values.